

Claim Amendments

Claims 1-32 (cancelled).

33. (original) A method of desalinating agricultural water in a field, including disposing a plurality of desalinating units upon said field water, maintaining in each said unit a wicking structure including a wick lower end immersed in said water and an upper end in wicking communication with said wick lower end, providing a primary mirror in each unit adapted to reflect solar radiation incident upon said unit onto said wick upper end, evaporating from said wick upper end solar distilled water, and returning said solar-distilled water to said field water while retaining the saline content of said water in said wick.

34. (original) The method according to claim 33, including also separating said wick from said wicking structure, cleansing said wick of accumulated salts, and reusing said wick to collect saline content from standing water.

35. (original) The method according to claim 33, including also floating said units upon said field water.

36. (original) The method according to claim 33, including also maintaining a translucent cover above said wick upper end, and condensing said evaporated water on the underside of said cover, said cover being shaped to return said condensed water to said field water away from said wick.

Add the following claims:

37. (new) A method of desalinating agricultural water in a field, including distributively arranging a multiplicity of individual desalinating units in field water for continually removing saline content from said field surface water, providing within said units a wicking structure including a wick having a lower end portion to be immersed in said field water and an upper end portion, providing a solar energy collection structure about said wick upper end portion, said structure including a primary mirror, collecting incident solar energy and redirecting it to said wick upper end portion in wick-contained water evaporating relation, providing an evaporated water collector to condense said evaporated water in saline content-free relation, and returning said condensed water to said field water.

38. (new) The desalinating method according to claim 37, including supporting said wick with a bracket, and supporting said primary mirror with said bracket.

39. (new) The desalinating method according to claim 37, including also providing as said water collector a light-passing dome opposed to said primary mirror and adapted to pass incident solar radiation to said primary mirror.

40. (new) The desalinating method according to claim 37, including also redirecting with a secondary mirror enclosed within said dome solar energy reflected by said primary mirror a secondary mirror onto said wick upper end portion.

41. (new) The desalinating method according to claim 37, including also said dome defining condensed water to said field water.

42. (new) The desalinating method according to claim 37, including also providing opposite said primary mirror a lens defined by said dome that reemits all angles of incident light from said lens primarily normal to said lens.

43. (new) An in situ desalinating method including arranging a multiplicity of hand-carryable, individual desalinating units floating in field surface water for continually removing saline content from said field surface water, providing in each said unit a wicking structure including a wick having a lower end portion immersed in said field water and an upper end portion out of said field water, providing a solar energy collection structure circumjacent said wick upper end portion including a lens and primary mirror system adapted to collect incident solar energy and redirect it to the upper end portion of said wick in wick-contained water evaporating relation, providing an evaporated water collector including a cover above said wick upper end portion arranged to condense evaporated water in saline content-free relation and return said condensed water to said field water circumjacent of said wick, said cover defining said

solar collection lens, and returning said condensed water to said filed water.

44. (new) The desalinating method according to claim 43, in which said water collector comprises a light-passing dome, and including also said dome defining said solar collection structure lens opposite said primary mirror for passing incident solar radiation to said primary mirror, providing a secondary mirror arranged within said dome lens, and redirecting with said secondary mirror solar energy reflected upward by said primary mirror onto said wick upper end portion.

45. (new) The desalinating method according to claim 43, including providing condensed water flow paths from said dome past said primary mirror and to said field water.